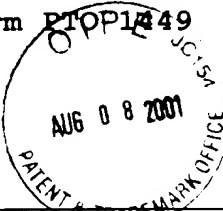


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U. S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
CSM		EP0387646 A1	12/30/98	Europe	—	—	
↓		WO93/24334	12/9/93	PCT	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

CSM	Berndt et al., "Reliable automatic protein identification from matrix-assisted laser desorption/ionization mass spectrometric peptide fingerprints," <u>Electrophoresis</u> , 20:3521-3526 (1999).
↓	Chen et al., "A dynamic programming approach to de novo peptide sequencing via tandem mass spectrometry," <u>Proceedings of the Eleventh Annual ACM-SIAM Symposium on Discrete Algorithms</u> , San Francisco 389-398 (2000).

EXAMINER	C. M. / f	DATE CONSIDERED
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October 11, 2002

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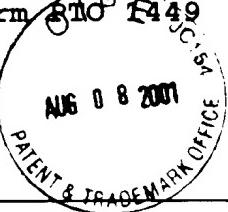
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 Form PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO: P-IS 4584	SERIAL NO. 09/835,072
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C&M	Dančík et al., "De novo peptide sequencing via tandem mass spectrometry," <u>J. Comp. Biol.</u> , 6:327-342 (1999).
	Goodlett et al., "Protein identification with a single accurate mass of a cysteine-containing peptide and constrained database searching," <u>Anal. Chem.</u> , 72:1112-1116 (2000).
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	Pevzner et al., "Efficiency of database search for identification of mutated and modified proteins via mass spectrometry," <u>Genome Research</u> , 11:290-299 (2001).
	Pevzner et al., "Mutation-tolerant protein identification by mass spectrometry," <u>J. Comp. Biol.</u> , 7(6):777-787 (2000).
✓	Sechi and Chait, "A method to define the carboxyl terminal of proteins," <u>Anal. Chem.</u> , 72:3374-3378 (2000).

EXAMINER	C.M./J	DATE CONSIDERED
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APPLICANT: Goodlett and Keller			
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<i>CSM</i>		Sechi and Chait, "Modification of cysteine residues by alkylation. A tool in peptide mapping and protein identification," <u>Anal. Chem.</u> , 70:5150-5158 (1998).
		Wilm et al., "De novo sequencing of proteins with mass spectrometry using the differential scanning technique," <u>Proteome and Protein Analysis</u> , (Springer) 65-79 (2000).

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